

What is claimed is:

1. A method for accessing in a computer system a data object having an identifier (ID), comprising:
checking, before accessing said data object,
5 whether said ID is contained in a first lock object and whether a link to a storage location is assigned to said ID in said first lock object, and in case said ID is not contained in said first lock object and/or no link is assigned to said ID,
10 performing a read and/or write access on said data object, else, skipping said access.
2. The method of claim 1, further comprising:
in case, no link is assigned to said ID, deleting said ID from said first lock object.
- 15 3. The method of claim 1 or 2, wherein said first lock object is a file stored on a nonvolatile storage means.
4. The method of one of claims 1 to 3, wherein said first lock object comprises a table, having a
20 column for the ID and a column for the link of the ID to a storage means.
5. The method of one of claims 1 to 4, wherein a data object comprises one ore more fields of one or more tables and wherein the ID comprises one or
25 more key fields of the one or more tables.
6. The method of one of claims 1 to 5, wherein said link is a filename or a link to a file.
7. The method of one of claims 1 to 6, wherein said first lock object is created by an data moving
30 process.

8. The method one of claims 1 to 7, further comprising:
before performing said check, storing said ID in a second lock object, which is stored in a volatile storage means.
9. The method of claim 8, further comprising:
checking, whether the ID has been successfully stored in the second lock object, and in case no, skipping accessing the data object.
10. The method of claim 8 or 9, wherein said second lock object is a data array.
11. The method of one of claims 8 to 10, wherein said data array is one dimensional.
12. The method of one of claims 1 to 11 for use in an enterprise resource planning software.
13. A computer system for processing data by means of or in a software application, comprising:
- memory for storing program instructions;
- input means for entering data;
- storage means for storing data;
- a processor responsive to program instructions
- programm instructions to carry out a method as of any of claims 1 to 12.
14. A computer program comprising program code means for performing a method as of any of claims 1 to 12 if said program is executed on a computer system.
15. A computer readable medium comprising program code for performing a method as of any of claims 1 to 12 if said program code is executed on a computer system.

16. A computer program product comprising a computer readable medium according to claim 15.
17. A computer data signal embodied in a carrier wave comprising:
 - 5 program code for performing a method as of any of claims 1 to 12 if said program code is executed on a computer system.

Table 1

Field A	Field B	Field C	...	Field X
A	B			
B	C			
C	F			
...

Persistent Lock Object

ID 1	Archive
AB	001
BB	002
BC	002
CF	003
...	...

Table 2

Field A	Field B	Field C	...	Field Y
E	L			
F	K			
G	H	M		to Table ...
C	F			
...

Transactional Lock Object

ID 2	
AB	
BC	
CF	
...	

Fig. 2